\$	YYY YYY YYY YYY	\$	NNN NNN NNN NNN NNN NNNNNN NNNNNN NNNNNN	NNN NNN NNN NNN NNN NNN NNN	
\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$\$	444 444 444	\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$	NNN NNN NNN NNN NNN NNN	NNN NNN NNN	
\$\$\$ \$\$\$ \$\$\$ \$\$\$	**** *** ***	\$\$\$ \$\$\$ \$\$\$ \$\$\$	NNN NN	INNNN INNNN NNN NNN	
\$	**************************************	\$\$\$ \$\$\$\$\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$	NNN NNN NNN NNN	NNN NNN NNN	

\$	*** *** *** *** *** *** *** *** *** **	\$	MM MM MMMM MMM MMMMM MMMM MM MM MM MM MM	000000 00 00 00 00	
		\$			

VO

SY

MODULE SYSMOU (

LANGUAGE (BLISS32), IDENT = 'VO4-000'

BEGIN

COPYRIGHT (c) 1978, 1980, 1982, 1984 BY DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. ALL RIGHTS RESERVED.

THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY TRANSFERRED.

THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT CORPORATION.

DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.

FACILITY: MOUNT Utility Structure Levels 1 & 2

ABSTRACT:

This module contains the code and data needed to mount the system disk during system initialization.

**ENVIRONMENT:** 

STARLET operating system, including privileged system services and internal exec routines.

AUTHOR: Andrew C. Goldstein, CREATION DATE: 1-Nov-1977 19:02

MODIFIED BY:

CDS0005 Christian D. Saether 29-Aug-1984 Use STAND\_ALONE\_REBUILD routine to avoid unnecessary V03-010 CDS0005 rebuilds.

V03-009 CDS0004 Christian D. Saether 2-Aug-1984 Test the sysgen flag REBLDSYSD to determine whether

SYSMOU VO4-000		1 4 16-Sep-1984 02:12:43 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 13:16:57 [SYSINI.SRC]SYSMOU.B32;1	
: 58 : 59	0058 1 !	rebuild should be performed.	
60	0060 1 0061 1	V03-008 HH0041 Hai Huang 24-Jul-1984 Remove REQUIRE 'OBJD\$:[VMSLIB.OBJ]MOUNTMSG.REQ'.	
63 64 65	0063 1 0064 1 0065 1	V03-007 HH0018 Hai Huang 06-May-1984 Use \$GETDVI to obtain the physical device name of the system device.	
67 68 69	0058 1 0059 1 0060 1 0061 1 0062 1 0063 1 0064 1 0065 1 0066 1 0067 1 0068 1 0069 1	V03-006 TMH0006 Tim Halvorsen 14-Apr-1984 Add MOUNT_FLAGS to list of dummy storage needed for linked-in-MOUNT.	
71 72	0072 1 !	V03-005 CDS0003 Christian D. Saether 19-Oct-1983 Now that volume rebuild works, allow FID and EXT caching.	
6012345667890123456789012345678901	0073 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	V03-004 TCM0001 Trudy C. Matthews 19-Aug-1983 Interlock mounts of the system disk with other potential mounters of the same disk in the cluster. Add cluster consistency checking routines.	
79 80 81	0078 1 0079 1 0080 1	V03-003 CDS0002 Christian D. Saether 15-Aug-1983 Set OPT_NOEXT_C, OPT_NOFID_C, OPT_NOQUO_C, and OPT_WTHRU to REALLY disable caching.	
83 84 85	0083 1 0084 1 0085 1	V03-002 CDS0001 Christian D. Saether 5-Aug-1983 Temporarily disable caching on system disk until xqp cluster rebuild works.	
87 88 89	0087 1 0088 1 0089 1	V03-001 STJ3061 Steven T. Jeffreys, 04-Mar-1983 Added definitions of DEVICE_INDEX and CALLERS_ACMOD. These parallel definitions in VMOUNT.	
	0090 1 0091 1 0092 1 0093 1	V02-008 STJ0202 Steven T. Jeffreys, 05-Feb-1982 Make sure the OPT_MOUNTVER bit gets set. The first attempt at this ended in disaster.	
92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110	0076 1	VO2-007 STJ0175 Steven T. Jeffreys, 06-Jan-1982 Set up the database to ensure the system disk is a candidate for mount verification.	
100	0099 1 0100 1	V02-006 ACG0248 Andrew C. Goldstein, 31-Dec-1981 16:56 Use default logical name, fix use of \$GETDEV	
102	0102 1 0103 1	V02-005 ACG0181 Andrew C. Goldstein, 13-Oct-1980 15:37 Fix cross facility references	
105	0105 1 0106 1	V0104 ACG0123 Andrew C. Goldstein, 12-Feb-1980 18:23 Integrate disk rebuild into MOUNT	
108	0109 1 !	V0103 ACG0079 Andrew C. Goldstein, 11-Nov-1979 19:32 MOUNT changes for write-back cacheing	
1111	0110 1 0111 1 0112 1	V0102 ACG0072 Andrew C. Goldstein, 22-Oct-1979 13:53 Check primary and secondary device char	
: 112	8112 1 1	V101 ACG0003 Andrew C. Goldstein, 28-Dec-1978 15:23	

SY

Page (1)

SYSMOU V04-000				16-Sep-1984 02:12:43 14-Sep-1984 13:16:57	VAX-11 Bliss-32 V4.0-742 [SYSINI.SRCJSYSMOU.B32:1	Page (1)
115	0115	11	Add global variables	for multi-volume MOUNT		
115 01 116 01 117 01 118 01 119 01 120 01 121 01 122 01 123 01 124 06 125 06 127 06	0117 0118 0119 0120		V100 ACG0001 Previous revision hist	Andrew C. Goldstein, 28-Dec-1 tory moved to SYSINIT.REV	978 15:22	
	0121 0122 0123 0655	1 LIBRARY 1 REQUIRE	'SYS\$LIBRARY:LIB.L32';			
	0123 0655 0656 0657 0658 0659	FORWARD	ROUTINE MOUNT SYSTEM, MAIN_RANDLER;	main routine condition handler		

VO

.....

SY

VO

Page

(2)

............

```
16-Sep-1984 02:12:43
14-Sep-1984 13:16:57
SYSMOU
VO4-000
                                                                                                                                                                                                                                                                               VAX-11 Bliss-32 V4.0-742

ESYSINI.SRCJSYSMOU.B32;1
                                                 GLOBAL
         1889123456789012345678901123456789012345
                                                                                                   MOUNT_OPTIONS
                                                                                                                                                    : BITVECTOR [64] ! option flags
                                                                                                                                                                              (1^OPT_SYSTEM OR
1^OPT_WRITE OR
1^OPT_BLOCK OR
1^OPT_DEVICE OR
1^OPT_DEVICE OR
1^OPT_LABEL)
(1^(OPT_MOUNTVER-32) OR
1^(OPT_NOQUO_C-32) OR
1^(OPT_WTHRU-32))
                                                                                                                                                                                                                                                       ! First 32 bits
                                                                                                                                                                                                                                                                               ! Last 32 bits
                                                                                                                                                                                                         value of /PROTECTION switch
value of /OWNER UIC switch
value of /USER DIC switch
value of /EXTENSION switch
value of /MINDOW switch
value of /ACCESSED switch
value of /BLOCK switch
value of /CACHE=(EXTENT=n) switch
value of /CACHE=(FILE=n) switch
value of /CACHE=(QUOTA=n) switch
value of /CACHE=(LIMIT=n) switch
number of devices specified
number of volume labels specified
logical name of system disk
descriptor of STRUCTURE name
descriptor of VISUAL ID string
descriptor of COMMENT string
descriptor of ACP device or name string
value of /DRIVES switch
                                                                                                   PROTECTION
OWNER_UIC
USER_UIC
EXTENSION
                                                                                                                                                    : INITIAL
: INITIAL
: INITIAL
                                                                                                                                                                                  (0).
                                                                                                                                                                                   (0).
                                                                                                                                                          INITIAL
                                                                                                                                                         INITIAL
INITIAL
INITIAL
                                                                                                   WINDOW
                                                                                                                                                                                   (0).
                                                                                                   ACCESSED
                                                                                                                                                                                   (0),
                                                                                                   BLOCKSIZE
                                                                                                                                                   : INITIAL
: INITIAL
: INITIAL
: INITIAL
: INITIAL
: INITIAL
: VECTOR
: VECTOR
: VECTOR
: VECTOR
                                                                                                  BLOCKSIZE
EXT_CACHE
FID_CACHE
QUO_CACHE
EXT_LIMIT
DEVICE_COUNT
LABEL_COUNT
LOG_NAME
STRUCT_NAME
VID_STRING
COMMENT_STRING
                                                                                                  COMMENT STRING
ACP STRING
DRIVE_COUNT
                                                                                                                                                    : VECTOR
                                                                                                                                                     : VECTOR
                                                                                                   PARSE_IMP_END
                                                                                                                                                    : VECTOR [O]:
                                                                                                                                                                                                      ! end of data area
                                                                          GLOBAL BIND
                                                                                                  LABEL_STRING
                                                                                                                                                    = DESCRIPTOR ('SYSTEMDISK') : VECTOR:
                                                                                                                                                                                                      ! dummy volume label of system disk
```

Page

Page

EX

SYSMOU VO4-000

378 379

396 397

0922 0923

```
$GETCHN (CHAN = .CHANNEL, PRIBUF = DEVCHAR_DESC, SCDBUF = DEVCHAR_DESC2);
                                   IF CH$NEQ (DIB$K_LENGTH, DEVICE_CHAR, DIB$K_LENGTH, DEVICE_CHAR2, 0)
OR NOT .DEVICE_CHAR[DEV$V_FOD]
THEN ERR_EXIT (SS$_NOTFILEDEV);
                                   IF NOT .DEVICE CHAR[DEV$V AVL]
THEN ERR_EXIT (SS$_DEVOFFCINE);
                                   IF .DEVICE CHAR[DEV$V MNT]
THEN ERR_EXIT (SS$_DEVMOUNT);
                     354
355
356
357
358
359
                                   IF .DEVICE CHAR[DEV$V_SQD]
THEN ERR_EXIT (SS$_NOTFILEDEV);
```

The following is for reference only. The physical device name is now obtained with the \$GETDVIW system service, rather than formatting device name and the unit number.

Construct the physical device name by appending the ascii unit number to the device name in the device characteristics.

```
PHYS_NAME[0] = 20;
PHYS_NAME[1] = PHYS_BUFFER;
$FAO (
                 DESCRIPTOR ('_!AC!UW:'),
PHYS_NAME[0],
PHYS_NAME[0],
DEVICE_CHAR + .DEVICE_CHAR[DIB$w_DEVNAMOFF],
.DEVICE_CHAR[DIB$w_UNIT]
```

Now attempt to read the home block or volume header label, as appropriate for the device type.

```
STATUS = READ_HOMEBLOCK (LABEL_STRING[0]);
MOUNT_OPTIONS[OPT_IS_FILES11] = 1;
                                        ! assume volume is files-11
IF NOT .STATUS
AND .STATUS NEG SS$_INCVOLLABEL
THEN ERR_EXIT (.STATUS);
```

IF NOT (STATUS = KERNEL\_CALL (GET\_DEVICE\_CONTEXT)) THEN ERR\_EXIT (.STATUS);

```
IF .MOUNT_OPTIONS[OPT_IS_FILES11B]
THEN MOUNT_DISK2 ()
ELSE MOUNT_DISK1 ();
```

Rebuild the volume if it was improperly dismounted.

IF .CLEANUP\_FLAGS[CLF\_REBUILD]

DEF

```
C 5
16-Sep-1984 02:12:43
14-Sep-1984 13:16:57
SYSMOU
VO4-000
                                                                                                                                           VAX-11 Bliss-32 V4.0-742
[SYSINI.SRC]SYSMOU.B32;1
                                                                                                                                                                                                           (3)
                                            AND .EXESGL_STATIC_FLAGS [EXESV_REBLDSYSD]
    398
399
401
402
404
405
407
409
411
413
                                     THEN
                                           BEGIN
ERR MESSAGE (MOUNS REBUILD);
STAND_ALONE_REBUILD (.CHANNEL);
                                     IF .LOCK_STATUS [1] NEQ 0
                                      THEN
                                           BEGIN
SDEQ (LKID = LOCK STATUS [1]);
LOCK STATUS [1] = 0;
                                  2 1
1 END;
                                                                                                    ! end of routine MOUNT_COMMAND
                                                                                                                     .TITLE
                                                                                                                                SYSMOU \V04-000\
                                                                                                                     .PSECT
                                                                                                                                $PLIT$, NOWRT, NOEXE, 2
                                                                                              00000 P.AAB:
0000A
0000C P.AAA:
00010
00014 P.AAC:
                                                                                                                    .ASCII
                                                              45
                                                                    54 53 59
                                                                                                                                 \SYSTEMDISK\
                                                                              . LONG
                                                                                                                    .ADDRESS P.AAB
.ASCII \MOU$\
                                                                     24 55
                                                                                              0001F
00020
                                                                                                                                 20
                                                                                                                     .ASCII
```

P54

\$\$1

\$\$1

\$\$1

\$\$1

551

\$\$1

\$\$1

\$51

\$\$1

```
16-Sep-1984 02:12:43
14-Sep-1984 13:16:57
                                               VAX-11 Bliss-32 V4.0-742
[SYSINI.SRC]SYSMOU.B32:1
                                                                                                  (3)
                                                                                            Page
00000000
00000000
00000000
00000000
            00036
00038
0003C
00040
00042
00048
0004C
                             .WORD 32
.ADDRESS PHYS BUFFER
.ADDRESS PHYS NAME
                                       286
                              . WORD
                              . WORD
                              . LONG
                              .LONG
00000000
                              . LONG
                              .PSECT
                                       $GLOBAL$, NOEXE, 2
            00000 STORED_CONTEXT::
00000000
            00004 MOUNT_FLAGS::
                               LONG
            00008 LOCK_STATUS::
            00010 DEVICE_INDEX::
            00014 CALLERS_ACMOD::
                               BLKB
            00018 CLEANUP_FLAGS::
                              BLKB
            0001C CHANNEL::
            00020 MAILBOX_CHANNEL::
            00024 PHYS_BUFFER::
                              .BLK8
00000000
            00038 PHYS_NAME ::
                                       0
                              . LONG
                              .ADDRESS PHYS_BUFFER
00000000
            0003C
            00040 LOG_BUFFER::
                               BLKB
            00054 HOME_BLOCK::
                               BLKB
            00254 DEVICE_CHAR::
            002C8 DEVICE_CHAR2::
                                       116
                              .BLKB
            0033C HOMEBLOCK_LBN::
                              BLKB
            00340 HEADER_LBN::
            00344 DEV_INDEX::
            00348 USER_STATUS::
            00350 CURRENT_RVN::
            00354 CURRENT_VCB::
                              .BLKB
            00358 REAL_RVT::
            0035C REAL_VCB::
                              .BLKB
            00360 REAL_FCB::
```

P\$1

BLKB

003EC ACP\_STRING::

Sy

\_\$

ACI ADI BUI BUI

CLI

CLI

							1	5 6-Sep-19 4-Sep-19	84 93:18	:43	VAX-11 Bliss-32 V4.0-742 [SYSINI.SRC]SYSMOU.B32;1	Page (12
								DRIVE_C PARSE_I	.BLKB	8 4 0		
								LABEL_S	TRING== .EXTRN .EXTRN .EXTRN .EXTRN .EXTRN .EXTRN .EXTRN .EXTRN	EXES DEV READ MOUN GET SYSS	P.AAA GL STATIC FLAGS GTX, EXEST REBLDSYSD HOMEBLOCK, MOUNT DISK1 T DISK2, STAND_ALONE_REBUILD DEVICE CONTEXT GETDVID, SYSSENGW GETCHN, SYSSCMKRNL DEQ	
									.PSECT		E\$,NOWRT,2	
24	AE	0000°	57 56 5E CF	00000000G 0000° B4	OO CF	9E 9E 9E 28	00000 00002 00009 0000E 00012		MOVAB MOVAB MOVAB MOVC3	MOUN LIBS DEVI -76(	T SYSTEM, Save R2,R3,R4,R5,R6,R7 STOP, R7 CE CHAR, R6 SPJ, SP P.AAC, ALLDEVNAM_BUF EVNAM_DESC EVNAM_BUF, ALLDEVNAM_DESC+4	0756
64	ME		AE	10	AE 20 AE AE 10	04 9E 28	00019		CLRL	ALLD	EVNAM_DESC EVNAM_RUE, ALI DEVNAM DESC+4	. 0794
	6E	0000	CF	28 10	1 C	9E	00027		MOV63	#28, ALLD	P.AAD, DÉVICE ITMLST EVNAM BUF+4, DEVICE ITMLST+16 EVNAM DESC, DEVICE TTMLST+20	0815 0810
		14	AE 6D	013D	AE CF	9E DE	00031		MOVAL	143.	(FP)	0794 0815
		FDC0 FDC8	C6	04	AC 7F	DO 70	00036 0003B		MOVL CLRQ	SYS -(SP	CALLERS_ACMOD CHANNEL, CHANNEL	0840 0841 0852
				50 10	AEF2C0A77EEEE6A8065551	04 9F 9F	00043		CLRL	-(SP		. 0032
					AE 7E	04	00048 0004B		PUSHAB CLRL PUSHL	-(2h	TOSB E_ITMLST	
		00000006	00	FDC8	18	DD DD F8	00051		PUSHL	#26 #8.		
			54 05		50 54	DO E8	0005A 0005D		PUSHL CALLS MOVL BLBS PUSHL CALLS ADDL2	RO.	SYS\$GETDVIW STATUS US, 1\$	0853
		1.0			01	DD FB	00062	44	PUSHL	STATE	JS, 18 JS IB\$STOP ALLDEVNAM_DESC -(SP)	
		10	67 AE 7E		04 01	70 70	00069	15:	MOVQ CLRQ	#1 -(SP	-(Sb)	0854 0861
				34	7Ē AĒ	7 C 9 F	0006E		CLRQ PUSHAB	-(SP	EVNAM DESC	
				FDB4	10	DD 9F	00073		PUSHL PUSHAB PUSHL	#16 LOCK	STATUS	
		00000000	0.0		05 1A	DD	00079 0007B		PUSHL	#76		
		000000006	00 54 05		7EE065A80441	FB DO E8	0003B 00041 00043 00048 0004B 0004D 00053 0005D 00062 00065 00065 00065 00075 00075 00075 00075 00075 00075 00075 00084 00086		CALLS MOVL BLBS	RO.	SYSSENOU STATUS US. 28	0862
			67		54	DD FB	A8000		PUSHL	STATI	JS LIB\$STOP	

\_8

Syl CN) CN) CN) CN) CN) CN) CN)

CN)

							6 5 16-Sep- 14-Sep-	1984 02:12 1984 13:16	:43 VAX-11 Bliss-32 V4.0-742 :57 [SYSINI.SRC]SYSMOU.B32;1	Page 13
				0134	62	9F 000	BF 28:	PUSHA8	DEVCHAR_DESC2	; 0871
				0120	0E6E65F56F12F13F15F1	9F 0000 9F 0000 D4 0000	93 95	CLRL PUSHAB	-(SP) DEVCHAR_DESC	
					7Ĕ	D4 000	99	CLRL	-(SP)	
		000000006	00	FDC8	05	DD 000	98 9F	PUSHL	CHANNEL #5. SYSSGETCHN	
74	A6		00 66	0074	8F	FB 0000 29 000 12 000	A6	CALLS CMPC3	#5, SYSSGETCHN #116, DEVICE_CHAR, DEVICE_CHAR2 38	0873
	08	01	A6	2000	06	EO 000	AF	BNEQ	#6, DEVICE_CHAR+1, 4\$	0874 0875
			A6 7E 67	0100	8F	3C 0000	B4 38:	MOVZWL	#460, -(SP) #1, LIB\$STOP	: 0875
	07	02	46 75	9.4	ŎŻ	EO 0001	BC 48:	BBS	#2, DEVICE_CHAR+2, 5\$	0877 0878
			67	84	01	9A 000 FB 000	C 5	MOVZBL	#132, -(SP) #1, LIB\$STOP	2
	07	02	A6 7E	60	03	E1 000	C8 58:	BBC	#3. DEVICE CHAR+2. 6\$	0880 0881
			67	00	01	FB 000	<b>D1</b>	MOVZBL	#108, -(SP) #1, LIB\$STOP	: 0001
	08		66 7E 67	0100	05 86	E1 000	04 68:	BBC	#5, DEVICE CHAR, 78	0883 0884
			67		01	3C 0000	00	CALLS	#1 I IRSSTOP	
		00006	CF	0000°	CF 01	9F 000	EQ 78:	CALLS PUSHAB CALLS MOVL BISB2	LABEL STRING #1, READ HOMEBLOCK RO, STATUS #2, MOUNT OPTIONS+4 STATUS, 85	0909
			54		50	DO 000	E9	MOVL	RO, STATUS	
		0140	C6 OE 8F		54	88 0001 E8 000	F 1	BLBS B13B2	STATUS 85	0911
		0000010C	8F		54	D1 000	F4	CMPL	31A1U3, #208	0913
					50 54 54 54	13 000 DD 000		BEQL PUSHL	8\$ STATUS	0914
			67		91	FB 000		CALLS	#1, LIB\$STOP -(\$P)	
					5E	DD 001		PUSHL	SP	0916
		000000006	9f	0000G	01 7E 5E CF 03 50	9F 001	06 0A	PUSHAB	GET_DEVICE_CONTEXT	
		00000000	54 05		50	DO 001	11	MOVL	RO, STATUS	
			05		54	E8 001	14	BLBS PUSHL	STATUS, 98 STATUS	0917
	0.7	01/0	67		01	DD 001 FB 001 E1 001	19	CALLS	#1. LIBSSTOP	
	07	0140 0000G	CF		00	FB 001	1C 9 <b>S</b> :	CALLS	#2. MOUNT_OPTIONS+4, 10\$ #0, MOUNT_DISK2	0919 0920
					01 02 00 05 00 01	FB 001 11 001 FB 001 E1 001 E1 001	27	BRB	115	•
	22	0000G FDC5 00000000G	CF C6		01	FB 001	29 10\$: 2E 11\$:	BBC	#0. MOUNT DISK1 #1. CLEANUP_FLAGS+1, 128	0921 0926 0927 0930
	16	000000006	00	00000000G	8F	E1 001	34	BBC	#EXESV REBLDSYSD, EXESGL STATIC FLAGS, 128	0927
		00000000G	00	0072A01B	8F 8F 01	FB 0014	46	PUSHL	#7512091 #1, LIB\$SIGNAL	
		00006	CF	FDC8	C6 01	DD 001	4D	PUSHL	CHANNEL #1, STAND ALONE REBUILD	0931
		00000	<b>CF</b> 50	FDB8	C6	DO 001	6 128:	MOVL	LOCK_STATUS+4, RO	0934
						13 001 7C 001	5B	BEQL	138 -(SP)	0937
					7E	04 001	5F	CLRL	-(SP)	:
		000000006	00		04	D4 001 FB 001 D4 001	63	PUSHL	#4, SYSSDEQ	
				FDB8	7E 7E 50 04 06	D4 001	6A	CLRL	LOCK STATUS+4	0938 0942
			50		01	04 001 04 001 04 001	6E 138:	MOVL RET	#1, RO	0942
					0	000 001	72 148:	.WORD	Save nothing	: 0815

CNX CNX CNX CNX COP CSE CSF CSF CTL CTL DEA

H 5 16-Sep-1984 02:12:43 14-Sep-1984 13:16:57 \$Y\$MOU V04-000 VAX-11 Bliss-32 V4.0-742 [SYSINI.SRCJSYSMOU.832;1 Page 14 (3) CLRL PUSHL MOVQ CALLS RET -(SP)
SP
4(AP), -(SP)
#3, MAIN\_HANDLER 0000v ; Routine Size: 386 bytes, Routine Base: \$CODE\$ + 0000

\_\$2

EVI EXE EXE EXE

EXE EXE EXE EXE EXE EXE EXE EXE EXE

EXE EXE EXE EXE EXE EXE

EXE EXE EXE EXE FAI FOR GAI INI INI IOC IOC IOC IOC LCR LCR LCR LCR LCR LCR

```
SYSMOU
VO4-000
                                                                                                                                   VAX-11 Bliss-32 V4.0-742
ESYSINI.SRCJSYSMOU.B32;1
                                          ELSE MECHANISMCCHF$L MCH_SAVRO] = .USER_STATUS[0]; IF .LOCK_STATUS [1] NEQ 0 THEN
                        1000
1001
1002
1003
1004
1005
1006
1009
1010
                                                BEGIN
                                               SDEQ (LKID = LOCK STATUS [1]);
LOCK_STATUS [1] = 0;
                                          SUNWIND ();
                                          END:
                                   RETURN SS$_CONTINUE;
                                                                                                ! continue from success signals
                       1011
                                    END:
                                                                                                ! end of routine MAIN_HANDLER
                                                                                                               .EXTRN
                                                                                                                          SYSSUNWIND
                                                                                  0000 00000 MAIN_HANDLER:
                                                                                                                          Save nothing
SIGNAL, R1
4(R1), #2336
                                                                                                               . WORD
                                                                                                                                                                                               0943
                                                                                         00005
30000
30000
                                                                        04
                                                                                     D0
D1
13
                                                                                                               MOVL
                                                                               AC A1 3F 00 37
                                          00000920
                                                                                                               CMPL
                                                                                                              BEQL
CMPZV
BNEQ
                                                                                                                          #0, #3, 4(R1), #4
                04
                              04
                                                          03
                                                                                          00010
                                                                                                                                                                                                0994
                                                                                          00016
                                                                               AC
A1
O7
                                                                        08
                                                                                     DO
D5
13
                                                                                                                           MECHANISM, RO
4(R1)
                                                          50
                                                                                          00018
                                                                                                               MOVL
                                                                                                                                                                                                0999
                                                                                          0001C
                                                                                                               TSTL
                                                                                          0001F
                                                                                                               BEQL
                                                                               A1
O6
CF
CF
                                                                                     DO
                                                                                                               MOVL
                                                   00
                                                          AO
                                                                        04
                                                                                          00021
                                                                                                                                                                                                0999
                                                                                                                           4(R1), 12(R0)
                                                                                         00028
00028
00028
00033
00037
00037
00039
00048
00046
0004F
                                                                                                               BRB
                                                                                     DO
DO
13
                                                                                                                          USER_STATUS, 12(RO)
                                                          A0
                                                                     0000¢
                                                   OC
                                                                                                               MOVL
                                                                                                                                                                                               1000
                                                                                                               MOVL
                                                                                                               BEQL
                                                                                     704DB4CB04
                                                                               7E 50 0 F 62 01
                                                                                                               CLRQ
                                                                                                                           -(SP)
                                                                                                                                                                                               1004
                                                                                                                           -(SP)
                                                                                                               CLRL
                                                                                                                          RO
                                                                                                               PUSHL
                                                                                                              CALLS
CLRU
CLRQ
CALLS
                                          0000000G
                                                          00
                                                                                                                               SYSSDEQ
                                                                                                                          LOCK STATUS+4
                                                                     0000
                                                                                                                                                                                               1005
                                                          00
50
                                          0000000G
                                                                                                                          #2. SYSSUNWIND
#1. RO
                                                                                                              MOVL
                                                                                                                                                                                               1010
; Routine Size: 83 bytes,
                                                                   $CODE$ + 0182
                                             Routine Base:
                                   END
                                                                                                               .EXTRN LIB$SIGNAL, LIB$STOP
```

Sy

PSECT SUMMARY

SYSMOU VO4-000 Page 17 (4) Name Bytes Attributes \$GLOBAL\$ \$PLIT\$ \$CODE\$ 1016 80 469 NOVEC. WRT. NOVEC. NOWRT. NOVEC, NOWRT, RD .NOEXE.NOSHR. RD .NOEXE.NOSHR. RD .EXE.NOSHR. CON, NOPIC, ALIGN(2) CON, NOPIC, ALIGN(2) CON, NOPIC, ALIGN(2) REL. REL. Library Statistics Symbols -----Pages Processing File Mapped Time Total Loaded Percent \_\$255\$DUA28:[SYSLIB]LIB.L32;1 37 18619 0 1000 00:01.9 COMMAND QUALIFIERS BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/LIS=LISS:SYSMOU/OBJ=OBJS:SYSMOU MSRCS:SYSMOU/UPDATE=(ENHS:SYSMOU) Size: 469 code + 1096 data bytes
Run Time: 00:18.5
Elapsed Time: 00:36.7
Lines/CPU Min: 3293
Lexemes/CPU-Min: 30395
Memory Used: 169 pages
Compilation Complete

\_\$2

Syn

PRS QD CO QD

0390 AH-BT13A-SE EQUIPMENT CORPORATION VAX/VMS V4.0 AND PROPRIETARY CONFIDENTIAL BRLE SYSLOA780 Final of Francisco IE E IMM E i innociation Mar In W 13 HII SYSLOAUVI SYSLOAWSI et announce et announce des sons = --三 CSP MAP 790DEF MDL el manne le Name of the last SYSLOA De T CLUSTRLOA MAP. SYSLOA730 SYSLOA750 MAP Fir administration of a administration -**||**|---